

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	SIMAZINE 4L
CHEMICAL NAME	2-chloro-4,6-bis (ethylamine)-S-triazine
CHEMICAL FAMILY	Triazine (Herbicide)
EPA REG. NO.	19713-60
SIGNAL WORD	CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Simazine	122-34-9	42.1	N.E.	NH
Inerts	N/A	57.9	N/A	NH

SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	>212°F	<u>Specific Gravity</u>	1.14 gms/cc
<u>Vapor Pressure</u>	1.5 x 10 ⁻⁸ mmHg	<u>% Volatiles</u>	Not Available
	@ 25°C (Tech)		
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Disperses
<u>pH</u>	6-8	<u>Appearance/Odor</u>	Tan liquid, slight odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F
Extinguishing Media	Dry chemical, CO ₂ , foam or water spray
Fire Fighting Procedures	Assure full protective clothing and self-contained breathing apparatus is worn. Stay upwind.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Acids and alkalis
Hazardous Decomposition Products	Oxide of Nitrogen and Carbon Chloride fumes
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	N/A
Toxicity Data	Oral LD50 (Rat) = 5,000 mg/kg body weight Dermal LD50 (Rabbit) = >2,500 mg/kg body weight
TLV	None established
N.F.P.A.	Health: 2, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Dermatitis, Erythema, Gastritis, Mildly irritating to mucous membranes

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

If Inhaled: Remove victim to fresh air. Treat symptomatically and supportively. Get medical attention if needed.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill

Sweep up spills with absorbent clay or material. Place in suitable containers. Prevent runoff from entering waterways. Assure protective clothing is worn. Wash spill area with water containing a strong detergent followed by a rinse with water.

Waste Disposal Method

Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Normally none required
Ventilation	General recommended
Protective Gloves	Chemical-resistant
Eye Protection	Safety glasses
Other	Long-sleeve shirt and long pants, shoes plus socks

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Keep Material in original containers. Keep away from foodstuffs.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G.	134

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